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Patent Claims

5    1. A roof extension for a utility vehicle cab which comprises a left A pillar (22; 54) in the forward travel direction (36) and a right A pillar (20) in the forward travel direction and also at least one rear left pillar and at least one rear right pillar (26, 30, 10 24, 28, 56) arranged behind a door cutout in the forward travel direction, the roof extension comprising at least two roof bows (12, 14, 16, 18; 62, 64, 66) which are covered by a roof covering (34), characterized in that a first roof bow (14, 18; 62, 64) 15 extends from the left A pillar (22, 54) to the rear right pillar (24, 28) and a second roof bow (12, 16; 66) extends from the right A pillar (20) to the rear left pillar (26, 30; 56).

20    2. The roof extension as claimed in claim 1, characterized in that a right B pillar (24) is provided as the rear right pillar and a left B pillar (26; 56) is provided as the rear left pillar.

25    3. The roof extension as claimed in claim 1 or 2, characterized in that a pillar (30) arranged left of the roof center in the forward travel direction (36) and on the rear wall of the cab is provided as the rear left pillar (30) and a pillar (28) arranged right of 30 the roof center in the forward travel direction (36) and on the rear wall of the cab is provided as the rear right pillar (28).

35    4. The roof extension as claimed in claim 1, characterized in that the first roof bow (14; 62) extends from the left A pillar (22; 54) to a right B pillar (24) and the second roof bow (12; 66) extends from the right A pillar (20) to a left B pillar (26;

56) and in that a third roof bow (18; 64) extends from the left A pillar (22; 54) to a pillar (28) arranged right of the roof center in the forward travel direction on the rear wall of the cab and a fourth roof

5 bow (16) extends from the right A pillar (20) to a pillar (30) arranged left of the roof center in the forward travel direction (36) on the rear wall of the cab.

10 5. The roof extension as claimed in claim 4, characterized in that the two roof bows (62, 64) starting from an A pillar (54) are brought together in a region (68) of connection to the A pillar (54).

15 6. The roof extension as claimed in claim 4 or 5, characterized in that the four roof bows (12, 14, 16, 18; 62, 64, 66) enclose a kite-shaped area, one diagonal of which extends in the travel direction (36) and the other diagonal of which extends transversely to 20 the travel direction (36).

25 7. The roof extension as claimed in claim 6, characterized in that the roof extension comprises a kite-shaped roof light which is arranged in the kite-shaped area.

30 8. The roof extension as claimed in one of the preceding claims, characterized in that the roof extension comprises a rectangular roof light which is aligned approximately parallel to one of the roof bows.

35 9. The roof extension as claimed in one of the preceding claims, characterized in that a horizontally arranged all-round frame (32; 60) is provided, to which the roof bows (12, 14, 16, 18; 62, 64, 66) are connected.

10. The roof extension as claimed in one of the preceding claims, characterized in that it comprises four side parts and a horizontally aligned central part, and in that the roof bows (12, 14, 16, 18; 62, 5 64, 66) in each case comprise three portions (12a, 12b, 12c, 14a, 14b, 14c, 16a, 16b, 16c, 18a, 18b, 18c), the first portion and the third portion (12a, 12c, 14a, 14c, 16a, 16c, 18a, 18c) of which extend parallel to in each case one of the side parts of the high roof and 10 the second portion (12b, 14b, 16b, 18b) of which extends parallel to the central portion of the high roof.

11. The roof extension as claimed in claim 10, 15 characterized in that two roof bows (12, 14) which extend from the A pillars (20, 22) in each case on one side to the B pillars (24, 26) in each case on the other side intersect in the region of the transition between the horizontally aligned central part of the 20 high roof and the side part located at the front in the forward travel direction (36).

12. The roof extension as claimed in claim 10 or 11, characterized in that two roof bows (16, 18) which 25 extend from the A pillars (20, 22) in each case on one side to pillars (28, 30) which are arranged in each case on the other sides of the roof center in the travel direction (36) on the rear wall of the cab intersect in the region of the horizontally aligned 30 central part of the high roof.

13. A cab for a utility vehicle, characterized in that the cab comprises a roof extension as claimed in one of the preceding claims.